

# ALTERNATIVE - Gross Morphology Embryo E9.5 ALTIMPC\_GEL\_002

## Parameters and Metadata

### ALTERNATIVE - Alive ALTIMPC\_GEL\_001\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - alive

Options: yes, no,

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### ALTERNATIVE - Scored ALTIMPC\_GEL\_002\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - scored

Options: yes, no,

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### ALTERNATIVE - Cardiovascular System ALTIMPC\_GEL\_003\_001 |

v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - cardiovascular\_system

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Cardiovascular Development** ALTIMPC\_GEL\_0

04\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - cardiovascular\_development

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Vascular Development** ALTIMPC\_GEL\_005\_001 |

v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - vascular\_development

**Options:** normal, abnormal, unobservable,

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## ALTERNATIVE - Pericardium Morphology ALTIMPC\_GEL\_006\_001

| v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - pericardium\_morphology

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Embryogenesis Phenotype ALTIMPC\_GEL\_009

\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - embryogenesis\_phenotype

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Abnormal Gastrulation ALTIMPC\_GEL\_010\_001 |

v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - abnormal\_gastrulation

Options: normal, abnormal, unobservable,

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## **ALTERNATIVE - Embryo turning** ALTIMPC\_GEL\_011\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - embryo\_turning

Options: normal, abnormal, unobservable,

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## **ALTERNATIVE - Extraembryonic tissue morphology** ALTIMP

C\_GEL\_013\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - extraembryonic\_tissue\_morphology

Options: normal, abnormal, unobservable,

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## **ALTERNATIVE - Allantois Morphology** ALTIMPC\_GEL\_014\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Description:** ALTERNATIVE - allantois\_morphology

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Vitelline vasculature morphology** ALTIMPC\_

GEL\_015\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - vitelline\_vasculature\_morphology

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Vitelline vein morphology** ALTIMPC\_GEL\_016\_0

01 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - vitelline\_vein\_morphology

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Visceral yolk sac morphology** ALTIMPC\_GEL\_

018\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - visceral\_yolk\_sac\_morphology

Options: normal, abnormal, unobservable,

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**ALTERNATIVE - Chorioallantoic fusion** ALTIMPC\_GEL\_019\_001 |  
v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - chorioallantoic\_fusion

Options: normal, abnormal, unobservable,

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**ALTERNATIVE - Developmental Patterning** ALTIMPC\_GEL\_020\_0  
01 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - developmental\_patterning

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Left-right axis patterning ALTIMPC\_GEL\_021\_001

| v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - left\_right\_axis\_patterning

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Direction of heart looping ALTIMPC\_GEL\_022\_0

01 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - direction\_of\_heart\_looping

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Somite development ALTIMPC\_GEL\_023\_001 | v1.

0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - somite\_development

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Branchial arch morphology** ALTIMPC\_GEL\_024\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - branchial\_arch\_morphology

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Neural fold mophology** ALTIMPC\_GEL\_025\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - neural\_fold\_mophology

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Neural tube morphology/development** ALTIMPC\_GEL\_026\_001 | v1.0

simpleParameter



**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - neural\_tube\_morphology\_development

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Neural tube closure** ALTIMPC\_GEL\_027\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - neural\_tube\_closure

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Forebrain** ALTIMPC\_GEL\_028\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - forebrain

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Midbrain** ALTIMPC\_GEL\_029\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - midbrain

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Hindbrain** ALTIMPC\_GEL\_030\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - hindbrain

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Spinal cord** ALTIMPC\_GEL\_031\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - spinal\_cord

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Embryo Size** ALTIMPC\_GEL\_032\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - embryo\_size

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Tail bud morphology ALTIMPC\_GEL\_033\_001 | v1.

0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - tail\_bud\_morphology

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Integument ALTIMPC\_GEL\_034\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - integument

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Skin Appearance ALTIMPC\_GEL\_035\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - skin\_appearance

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Limb Bud Morphology ALTIMPC\_GEL\_038\_001 |

v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - limb\_bud\_morphology

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Vision/Eye ALTIMPC\_GEL\_039\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - vision\_eye

Options: normal, abnormal, unobservable,

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## **ALTERNATIVE - Eye development** ALTIMPC\_GEL\_040\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - eye\_development

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Hearing/Vestibular/Ear** ALTIMPC\_GEL\_041\_001 |

v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - hearing\_vestibular\_ear

**Options:** normal, abnormal, unobservable,

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## **ALTERNATIVE - Otic vesicle morphology** ALTIMPC\_GEL\_042\_001

| v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - otic\_vesicle\_morphology

Options: normal, abnormal, unobservable,

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## ALTERNATIVE - Comment on image ALTIMPC\_GEL\_043\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - comment\_on\_image

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## ALTERNATIVE - Images ALTIMPC\_GEL\_044\_001 | v1.0

seriesMediaParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - images

Increments: Minimum 1

---

## ALTERNATIVE - Experimenter ID ALTIMPC\_GEL\_045\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - experimenter\_id

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## **ALTERNATIVE - Equipment ID** ALTIMPC\_GEL\_046\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - equipment\_id

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## **ALTERNATIVE - Equipment Manufacturer** ALTIMPC\_GEL\_047\_001

| v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - equipment\_manufacturer

---

## **ALTERNATIVE - Equipment Model** ALTIMPC\_GEL\_048\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE - equipment\_model

---

## **ALTERNATIVE - Fixative** ALTIMPC\_GEL\_049\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - fixative

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## **ALTERNATIVE - Time of Dissection** ALTIMPC\_GEL\_050\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - time\_of\_dissection

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## **ALTERNATIVE - Somite Stage** ALTIMPC\_GEL\_051\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - somite\_stage

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## **ALTERNATIVE - Time of dark cycle start** ALTIMPC\_GEL\_052\_001

| v1.0

procedureMetadata



Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - time\_of\_dark\_cycle\_start

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## **ALTERNATIVE - Time of dark cycle end** ALTIMPC\_GEL\_053\_001 |

v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - time\_of\_dark\_cycle\_end

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## **ALTERNATIVE - Date equipment last calibrated** ALTIMPC\_GEL

\_054\_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - date\_equipment\_last\_calibrated

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## **ALTERNATIVE - Failure heart looping** ALTIMPC\_GEL\_007\_002 | v2.

0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - failure\_heart\_looping

Options: yes, unobservable, no,

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## **ALTERNATIVE - Absent heartbeat** ALTIMPC\_GEL\_008\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - absent\_heartbeat

Options: yes, unobservable, no,

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## **ALTERNATIVE - Incomplete embryo turning** ALTIMPC\_GEL\_012\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - incomplete\_embryo\_turning

Options: yes, unobservable, no,

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## **ALTERNATIVE - Pale yolk sac** ALTIMPC\_GEL\_017\_002 | v2.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - pale\_yolk\_sac

**Options:** yes, unobservable, no,

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## **ALTERNATIVE - Pallor** ALTIMPC\_GEL\_036\_002 | v2.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - pallor

**Options:** yes, unobservable, no,

---

## **ALTERNATIVE - Blebs** ALTIMPC\_GEL\_037\_002 | v2.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - blebs

**Options:** yes, unobservable, no,

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# ALTERNATIVE - Severely Dysmorphic ALTIMPC\_GEL\_055\_001 | v1

.2

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - null

**Options:** no, yes, unobservable,

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